BANGALORE WATER SUPPLY AND SEWERAGE BOARD

"Tender for the Work of Up gradation of 66/6.6 kV Switch yard at Tavarekere"

(Through Karnataka public procurement portal only)

https://www.kppp.karnataka.gov.in

Office of the Chief Engineer, (Kaveri-O&M)
BANGALORE WATER SUPPLY & SEWERAGE BOARD
6th floor, Cauvery Bhavan,
K.G. Road, Bangalore -560 009.
Tele Fax: 080- 22945103, email: cekoandm@bwssb.gov.in

THIS BID DOCUMENT CONTAINS FOLLOWING VOLUMES:

VOLUME- I COMMERCIAL REQUIREMENTS

1. **Section – I Invitation For Bids - IFB**
2. **Section – II Instruction To Bidders - ITB**
3. **Section – III General Terms and Conditions of the Contract - GCC**
4. **Section – IV Erection Conditions of Contract - ECC**
5. **Section – V Special Conditions of Contract - SCC**
6. **Section – VI ANNEXURE - ANNEX**

OTHER VOLUMES CONTAIN THE FOLLOWING:

VOLUME-II TECHNICAL REQUIREMENTS

TECHNICAL SPECIFICATIONS FOR THE WORK

VOLUME- III TECHNO-COMMERCIAL SHEETS

TENDER REFERENCE	:	IFB No. BWSSB/CE(KO&M)TE/TA01/76/2022 420/2023-24 Date: 20.07.2023 .
NAME OF WORK	:	Tender for the Work of Upgradation of 66/6.6kV Switchyard at Tavarekere
DATE OF UPLOADING OF TENDER DOCUMENT	:	24.07.2023
DATE OF PRE-BID MEETING	:	**01.08.2023, at 15.00 hrs.**
LAST DATE AND TIME OF SUBMISSION OF TENDER DOCUMENT	:	**07.08.2023, at 15.00 hrs.**
TIME AND DATE OF OPENING OF TECHNICAL TENDER	:	**08.08.2023, at 16.00 hrs.**
PLACE OF OPENING OF TECHINCAL TENDER	:	Office of the Chief Engineer, (Kaveri-O&M) B.W.S.S.B, 6th Floor, Cauvery Bhavan, K.G. Road, Bangalore – 560 009.

TIME AND DATE OF OPENING OF PRICE TENDERS	:	**10.08.2023, at 16.00 hrs.**
PLACE OF OPENING OF PRICE TENDER	:	Office of the Chief Engineer, (Kaveri-O&M) B.W.S.S.B, 6th Floor, Cauvery Bhavan, K.G. Road, Bangalore – 560 009.
ADDRESS FOR COMMUNICATION	:	Office of the Chief Engineer, (Kaveri-O&M) B.W.S.S.B, 6th Floor, Cauvery Bhavan, K.G. Road, Bangalore – 560 009.

SECTION - I

(Volume –1)

INVITATION FOR BID (IFB)

e-mail:-
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BANGALORE WATER SUPPLY AND SEWERAGE BOARD

Office of The Chief Engineer (K-O&M)6th Floor, Cauvery Bhavan, K.G.Road, Bangalore-09

SECTION-I: INVITATION FOR BID (IFB)

(Through KPP Portal Only)

Website www.kppp.karnataka.gov.in

IFT NO. BWSSB/CE(K-O&M)TE/TA-01/2022/420/2023-24 Dt:20.07.2023.

The Chief Engineer, (Kaveri- O & M), Bangalore Water Supply and Sewerage Board invites tenders from eligible tenderers, **for the Work of Up gradation of 66KV Switchyard at Tavarekere** Two Cover Tender procedures as per Rule 28 of the KTPP Act viz., (1) **Technical Proposal** (2) **Price Proposal**. Both the documents should be uploaded in the kppp portal. **Manual bids will not be accepted**.

1. PROJECT DESCRIPTION.

Bangalore Water Supply and Sewerage Board is responsible for supplying drinking water to Bangalore city. Since its inception in the year, the Board has executed many water and sewerage schemes for the city including Cauvery Water Supply Scheme (CWSS) raw water is abstracted from Cauvery River, treated at Thorekadanahalli, and is pumped to Bangalore city.

Under Yattinahole water supply scheme BWSSB will be receiving 0.8 TMC of water to Hesarghatta and 1.7 TMC of water to Tippagondanahalli (TG Halli) reservoir and total 2.5 TMC of water will be available for Bangalore city for drinking purpose.

T.G.Halli is situated at West of Banglore. Magadi road provides access upto TG Halli. The existing water supply scheme at TG Halli is under refurbishment under “Revival/Refurbishment of TG Halli Water Supply Scheme Phase I” project. Under this project water is treated and pumped under Stage I pumping at TG Halli to Stage II pumping at Tavarakere and then to Bangalore city.

At Tavarekere, there was an existing 66KV switchyard with 1 incoming 66kV Bay, 2 outgoing transformer bays and 1 Voltage Transformer Bay. There were 2 nos. of 66/6.6kV, 5 MVA power transformers catering power to the pump house and other in campus loads. The Power Transformers were installed in 1995 and serviced more than 25 Years. Under Revival/Refurbishment of TG Halli Water Supply Scheme Phase I, BWSSB proposes to upgrade existing 66KV switchyard. The work involves supply, erection, testing and commissioning of electrical equipment with associated civil works at existing 66KV switchyard.

2. SCOPE OF WORK:

The work upgradation of 66kV switchyard at Tavarekere premises which involves supply, erection, testing and commissioning of 66KV switchyard equipment suitable for 2 x 5 MVA, 66/6.6KV Power Transformers including civil works.

The salient features of the Scope include, but not limited to, the following:

a) Overall Project Management, Coordination.

b) Preparation of fabrication drawings and shop drawings, fabrication and supply of substation structures as per standard drawing / technical specifications as per bill of materials.

c) The detailed foundation drawings of transformer and substation structures as per standards and Technical Specification.

d) All statutory clearance, wherever required shall be arranged by the Contractor, CEIG and Electrical Inspectorate. BWSSB shall extend all required support in this regard.

e) Land leveling, design, engineering and execution of earth mat, cable ducts, roads, foundations for station structures, support structures and equipment, security fencing with gate, drainage etc.

f) Design, engineering, manufacture, factory testing, supply on FOR Destination to site basis, transportation, insurance, unloading, storing, handling and moving into the final position, erection, installation, testing, commissioning and putting the equipment into successful operation at Sub-Station including associated structural and Civil Works.

3. The interested eligible Bidders may obtain further information from the Office of The Chief Engineer (Kaveri – O&M), BWSSB.

Issues on which clarifications are sought by the Prospective Bidders shall be submitted in writing to the Chief Engineer (Kaveri –O&M), Bangalore on or before the date and time as mentioned in the KPPP platform. Letters seeking clarifications received subsequent to this date will not be entertained. Interested Bidders need to mention their firm credentials along with the queries.

4. The Tenderers shall furnish Earnest Money Deposit (EMD) in the amount as shown in column 4 of the Table of IFT for this Work. The Tenderers are required to pay the Earnest Money Deposit through Karnataka public procurement portal only using any of the four modes.

a) Credit Card (Online Payment)
b) Direct Debit Using Internet Banking (Online Payment)
c) Remittance at the Bank Counter - Challan (Offline Payment)
d) NEFT (Offline payment).

5. Bids shall be submitted in two parts viz., (1) **Technical Proposal** (2) **Price Proposal**. Both the documents should be uploaded in the Karnataka public procurement portal. **Manual bids will not be accepted**.

The following documents have to be submitted in the **Technical Proposal.**

I. Performance certificate for executed 66KV switchyard of similar capacity or above.

II. In case of Labour Contractor or Sub-Contractor of a Turnkey Contractor, the following documents to be uploaded:

a) Copy of the letter of approval (permission) issued by the awarding agency to the turnkey contractor (main), permitting the Turnkey Contractor (main) to sub-let the awarded work to the said Labour Contractor or Sub - Contractor.

b) Copy of the work award issued by the Turnkey Contractor (main) to the said Labour Contractor or Sub-Contractor.

c) The agreement between the Turnkey Contractor (main) and the said Labour Contractor or Sub-Contractor.

III. Power of Attorney in favor of all the persons signing the documents,

IV. Audited financial statements,

V. Works on hand details,

VI. Valid Super Grade Electrical License issued by GOK as on the date of Bid Submission.

VII. Certificate of Incorporation of all the participating companies in case of registered companies / Partnership deed in case of Partnership Firm.

VIII. GST registration and PAN Card in case of proprietorship Firm.

IX. No Deviation Certificate.

X. Letter of Undertaking.

XI. Type Test certificates

XII. Self-declaration regarding Litigation w.r.t KPTCL contracts over the last five years (refer clause 10.0).

XIII. Self-declaration for 'not being disqualified regarding non-performance in any of the Government utilities in the past five years.

XIV. An undertaking to source the supply of equipment/material from KPTCL approved Vendors only as per the revised QR for Vendor registration, available in the KPTCL website i.e., www.kptcl.com, Link Tendering & Procurement.

These qualifying documents are to be uploaded to the respective files only, IF ANY OF DOCUMENTS ARE UPLOADED TO THE FILE OTHER THAN THE SPECIFIED FILES, SUCH

DOCUMENTS WILL NOT BE CONSIDERED FOR EVALUATION. If any of the documents are not applicable to a particular Bidder, then such Bidders have to upload a document stating "Not Applicable". The other documents if any which needs to be uploaded by the Bidder for which no specific files have been created to substantiate or to meet the requirements of the bids, such additional documents may be uploaded in the folder named as "additional documents" in the Karnataka public procurement portal.

No hard copy/copies of additional documents other than those already uploaded will be entertained

Litigation: The bidder should provide detailed information on any litigation or arbitration arising out of contracts completed or under execution by it over the last five years with KPTCL. A history of awards involving litigations against the bidder or any party or JV may result in rejection of bid.

6. QUALIFYING REQUIREMENTS (QR):

GENERAL REQUIREMENTS:

Bidder shall be financially sound and shall submit audited financial reports for last five years preceding the date of bid submission. Bidder shall have adequate knowledge of Sub-Stations design procedures including quality control and shall have infrastructure and erection facilities and capacity to execute the works.

7. GENERAL WORK EXPERIENCE:

a) The tenderer in its name should have valid **"Super grade Electrical License"** issued by Chief Electrical Inspectorate, Govt of Karnataka.
b) The Tenderer as a prime contractor should have satisfactorily completed during the last five years i.e., **2018-19 to 2022-23** at least one similar work of procurement, erection, testing and commissioning of 5 MVA, 66kV/6.6 kV and above **Muss yard / Switch yard** of value not less than **Rs.61.31 Lakhs**
c) Executed in any one year, Executed in any one year, the following minimum quantities of work
    - Erection of **2 Nos of** 5 MVA, 66KV and above **Muss yard / Switch yard** in last 5 years.

8. FINANCIAL CAPABILITIES:

a) To qualify for award of this contract, each tenderer in its name Should have achieved in at least two financial years a minimum financial turnover (in all classes of civil engineering construction works only) of **Rs.245.22lakhs.**
b) Liquid assets or availability of credit facilities of not less than **Rs.61.31 Lakhs** (Credit lines/ letter of credit/ certificates from Nationalized/schedule banks in India for meeting the fund requirement etc.
c) Assessed available tender capacity – (A x N x 1.5-B) Should not be less than amount put to tender i.e. Rs. 122.61Lakhs

Where A = Maximum value of Electrical engineering works executed in any one year during the last five years (updated to 2023-24 price level) taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which tenders are invited.

B = Value, at 2023-24 price level, of existing commitments and on-going works to be completed during the next 6 months (period of completion of the works for which Tenders are invited).

Note: The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.

Note: Following factors shall be considered to bring the price level to 2023-24.

Financial Year	Factor
2022-23	1.0
2021-22	1.10
2020-21	1.21
2019-20	1.33
2018-19	1.46

In the event of the Bidder failing to furnish the financial turnover and the financial commitments along with the offer or furnishes the incorrect information, the offers of such Bidders will be rejected.

9. EQUIPMENT CAPACITY:

Each tenderer should further demonstrate:

a) Availability by owning 100% (50% by owning plus 50% by hiring) of the required/specified key and critical equipment for this work, the relevant documents (Commitment agreements etc.) for availability for this work shall be furnished. Some of the equipment are:

i.	Mobile Crane 12 Ton	-	01 No.
ii.	Welding Generator	-	01 No.

10. OTHER CONDITIONS:

a) Form of tender as per KW-4 of KTPP act to be uploaded by the participated tenderer which is mandatory.
b) EMD amount to be paid as prescribed for the said tender.

11. GENERAL:

a) Notwithstanding the above, if it is found that the performance vis – a - vis works awarded to the Bidder by KPTCL is either behind schedule or not satisfactory, BWSSB will be at liberty to disqualify the Bidder and reject its Bid at the time of techno-commercial evaluation.

b) If the information furnished by the Bidder / Bidders found to be false at any stage of tendering / execution, then the BWSSB, at its discretion may take action against such Bidder / Bidders. If false information is found at the Tendering stage BWSSB may disqualify the offer of such Bidder, Blacklist the Firm etc.., and if false information is found at execution stage then BWSSB may cancel the works awarded, forfeit the Bank Guarantee furnished against the performance of the contract, Black list the Firm.

12. PUBLIC SECTOR COMPANIES:

Public Owned Enterprises domiciled in the Employer / Lessee Country may be eligible to qualify if, in addition to meeting all the above requirements, and also:

a) Are commercially oriented Legal Entities distinct from the Employer/Lessee and are not a Government Department.
b) Are financially autonomous, as demonstrated by requirements in their constitutions to provide separate audited accounts and return on Capital, powers to raise loans and obtain Revenues through the sale of Goods or services and
c) Are Managerially autonomous.

PSU’s shall note that No preference / advantage of whatever nature will be given in evaluation / comparison of Bids and in Award of Contract.

13. COMMISSIONING PERIOD IS 2 (TWO MONTHS FROM THE DATE OF LETTER OF AWARD / LETTER OF INTENT (AS APPLICABLE) INCLUDING MONSOON PERIOD.

Before Bidding for the above Works of the Sub-Station, the Bidder shall fully familiarize himself with the Site conditions and General arrangements, etc. Though BWSSB shall endeavor to provide the information, it shall not be binding for BWSSB to provide the same. The Bidders are advised to visit the Sub-Station Site and acquaint themselves with the site. The Bidders shall be fully responsible for providing all equipment, materials, system and services specified in their scope or otherwise which are required to complete the construction and successful commissioning of the Transformers in all respects. Non- familiarity with the site conditions will not be considered for extra claims and for not carrying out the work in strict conformity with Drawings and Specifications.

Notwithstanding anything stated above or elsewhere in the Tender specifications, BWSSB reserves right to assess the Capability / suitability of the Bidder to perform the overall contract should the circumstances warrant such assessment in the overall interest of BWSSB.

Tender documents may be downloaded from https://kppp.karnataka.gov.in website only. Interested tenderers may obtain further information at the same address.

BWSSB reserves its right to vary or modify any of the tender condition for reasons to be recorded, in case it becomes necessary.

TABLE - A

SL No.	Name of work	Approximate value of work (in Rupees) (Excluding GST)	Earnest Money Deposit (in Rupees)	Tender processing fee (Nonrefundable)	Period of completion
1	2	3	4	5	6

1	Tender for the Work of Upgradation of 66/6.6kV Switch yard at Tavarekere	**1,04,00,000 /-**	**1,84,000/-**	as per the Karnataka public procurement portal	6 months (including monsoon period)

14. The last date for uploading of completed tender document on 07.08.2023 at 15:00hrs**.**

15. The cost of the tender document once paid will not be refunded.

16. For any additional information regarding the above tender, the firms who are interested to quote, may contact office of the undersigned at the office address given below on all working days during office hours 10.30hours to 17.00 hours.

The Chief Engineer (K-O&M),
Bangalore Water Supply and Sewerage Board
6th Floor, Cauvery Bhavan,
K.G. Road, Bangalore - 560009
Karnataka, India.
Email: cekoandm@bwssb.gov.in.

17. Joint Venture Firms are not acceptable.

18. Bangalore Water Supply and Sewerage Board reserve the right to cancel or annul the entire or part of this process of invitation at any time without assigning any reason.

19. Pre-tender meeting will be held on 01.08.2023 **at 15.00 hours** at the office of the Chief Engineer, (Kaveri-O&M) B.W.S.S.B, 6th Floor, Cauvery Bhavan, K.G. Road, Bangalore – 560 009 to clarify the issues if any, and to answer questions on any matter that may be raised at that stage as stated in Clause 8.2 of 'Instructions to Tenderers' of the tender document.

20. Contractors should be an Electrical Contractor & have Contractor registration in BWSSB or KPWD/KUWSDB/KPTCL/CEIG etc. Those who do not have BWSSB registration can also participate in the tender, provided they get registered in Board, in case the tender is awarded, before the issue of Work Order.

Sd/-
Chief Engineer (Kaveri-O&M)
Bangalore Water Supply and Sewerage Board
Bangalore - 560009.